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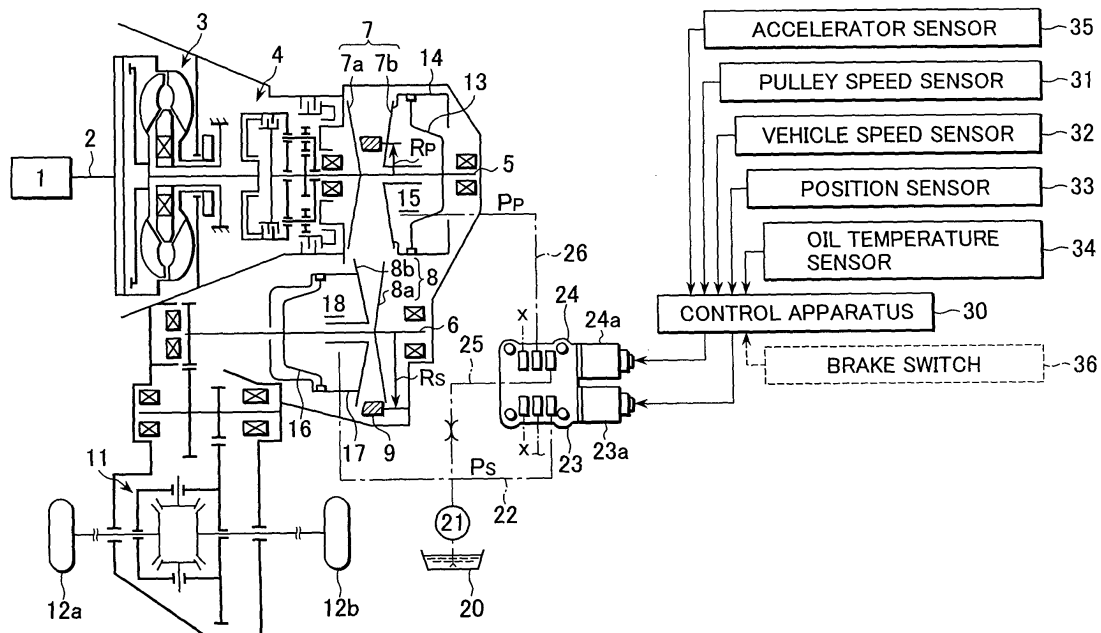
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(54) **Control apparatus for continuously variable transmission**

(57) When an operator takes his foot from an accelerator pedal, a returning speed of the accelerator pedal is calculated from a signal of an accelerator sensor (35). In case where the returning speed is larger than a reference value, it is judged that the operator intends to decelerate a vehicle with an engine brake applied and the speed ratio of the continuously variable transmission is fixed to a value at the moment when the operator releases the accelerator pedal. As a result, the vehicle decelerates while the engine brake is exerted. In case where the returning speed is smaller than the reference value, it is judged that the operator intends to run the vehicle by inertia and the speed ratio of the transmission is changed to a speed ratio on an overdrive side so as to allow a coasting operation.

**FIG.1**





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
			F16H
The present search report has been drawn up for all claims			
Place of search <b>Munich</b>		Date of completion of the search <b>7 August 2006</b>	Examiner <b>Masset, C-I</b>
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone                      Y : particularly relevant if combined with another document of the same category                      A : technological background                      O : non-written disclosure                      P : intermediate document</p> <p>T : theory or principle underlying the invention                      E : earlier patent document, but published on, or after the filing date                      D : document cited in the application                      L : document cited for other reasons                      .....                      &amp; : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82